

AMENDMENTS TO THE CLAIMS:

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The following listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-14 Canceled.

15. (New) A device having a CFRP sheet for reinforcing bearing structures, characterized in that the ends of the CFRP sheet are provided with coupling means, or means for a bonding bridge, which emerge in a respective termination element in which the CFRP sheet with respectively at least one wedge are pressed in.

16. (New) The device as claimed in claim 15, characterized in that the coupling means are applied to the CFRP sheet at least on one side.

17. (New) The device as claimed in claim 15, characterized in that the coupling means, in the region of the termination element, at least partially cover the latter.

18. (New) The device as claimed in claim 15, characterized in that the coupling means consist of an adhesive, of an abrasive, such as, say, of a grain size of 0.1- 1.0 mm, of a film provided with an abrasive, of a powder coating or a plasma coating.

19. (New) The device as claimed in claim 15, characterized in that the termination element has a sleeve, in which at least the inner side is conically configured.

20. (New) The device as claimed in claim 19, characterized in that the sleeve has a substantially circular or elliptical inner cross section.

21. (New) The device as claimed in claim 19, characterized in that the sleeve has a substantially square or rectangular inner cross section.
22. (New) The device as claimed in claim 15, characterized in that the termination element is made of metal or of plastic.
23. (New) The device as claimed in claim 15, characterized in that the coupling means are located between the inner side of the sleeve and the wedges and at least partially cover the latter.
24. (New) A process for reinforcing bearing structures by the use of devices as claimed in claim 15, characterized
1. in that in the bearing structure recesses are made, in which supports are inserted and positioned,
 2. in that the CFRP sheet is guided, in sequence, through the first recess and the first support, through the first termination element, disposed around the bearing structure, guided through the second recess and the second support and through the second termination element, until the CFRP sheet juts over the latter,
 3. in that the coupling means are applied to the CFRP sheet in the region of the termination elements,
 4. in that the at least one wedge of the second termination element is pressed into the second sleeve with the CFRP sheet, this being realized without pulling on the CFRP sheet,
 5. in that the at least one wedge of the first termination element is driven in or pressed in and in that the CFRP sheet is cut off above the first termination element.

25. (New) A process for reinforcing bearing structures by the use of devices as claimed in claim 15, characterized

1. in that in the bearing structure recesses are made, in which supports are inserted and positioned,

2. in that the CFRP sheet is guided, in sequence, through the first recess and the first support, through the first termination element, disposed around the bearing structure, guided through the second recess and the second support and through the second termination element, until the CFRP sheet juts over the latter,

3. in that the coupling means are applied to the CFRP sheet in the region of the termination elements,

4. in that the second sleeve is forced onto the at least one wedge of the second termination element and the CFRP sheet, this being realized without pulling on the CFRP sheet,

5. in that the first sleeve is forced onto the at least one wedge of the first termination element and the CFRP sheet and in that the CFRP sheet is cut off above the first termination element.

26. (New) The process as claimed in claim 24, characterized in that the device is fitted with or without prestress.

27. (New) A process for reinforcing bearing structures by the use of devices as claimed in claim 15, characterized

1. in that in the bearing structure recesses are made, in which supports are inserted and positioned,

2. in that the CFRP sheet is guided, in sequence, through the first recess and the first support, through the first termination element, disposed around the bearing structure, guided through the second recess and the second support and through the second termination element, until the CFRP sheet juts over the latter,

3. in that the coupling means are applied to the CFRP sheet in the region of the termination elements,

4. in that the CFRP sheet is prestressed, or 10-20% overstressed, the at least one wedge being found loosely introduced in the sleeve, but not yet pressed in,

5. in that the prestress is partially slackened, the at least one wedge being drawn in or pressed in in self-wedging arrangement in the sleeve and in that the CFRP sheet is cut off above the first termination element.

28. (New) The process as claimed in claim 24, characterized in that the CFRP sheet is disposed around the traction side of the bearing structure to be reinforced and is stuck at least partially on the latter.